

Notice of Allowability

Application No.

08/909,023

Applicant(s)

KOJIMA, TOSHIAKI

Examiner

Christopher Onuaku

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 9/22/06.
2. ☒ The allowed claim(s) is/are 1-32(now renumbered 1-8,10-22,24-29,31,30,9,23&32, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 11/27/06 .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Tom Basso on 11/27/06.

3. The application has been amended as follows:

In the Claims:

Claim 7,

line 1, after "according to", "claims 1" has been changed to --
claim 1- - , and "or 3" has been deleted;

Claim 8,

line 1, after "according to claim", "6 or claim", has been deleted;

Claim 15,

line 2, "claims" has been changed to -- claim -- , and "13 or" has
been deleted.

Allowable Subject Matter

4. Claims 1-32 are allowable over the prior art of record.
5. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates recording, reproducing, and recording/reproducing apparatuses and methods thereof, including a recording apparatus and a recording method for endlessly-recording image data and/or voice data in a recording medium.

The closest references Gushima et al (US 5,737,481) disclose an information recording method, an information recording apparatus, and an information recording medium which are suitable for recording information to be continuously input such as image or sound, Baumeister (US 4,591,931) teaches apparatus for playing back from recording media recorded information which includes both preselected segments and unpreselected segments, and Holroyd et al (US 5,781,435) teach editing systems, including an edit-to-it feature that minimizes editing time by performing editing and digitization of information simultaneously.

However Gushima et al, Baumeister and Holryod et al fail to explicitly disclose a recording apparatus, where the recording apparatus further comprises input means to designate a file name corresponding to a start point and an end point of a desired second continuous data set, wherein the second continuous data set is a subset of the first data set to be recorded in or already recorded in the recording medium by the recording means, the second continuous data including all of the first data set recorded

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in the recording medium between a start time associated with the start point and an end time associated with the end point, the second continuous data set including a plurality of images recognizable by a user, wherein the input means allows input of a file name information signal designated by a user, and further allows input of a time code information signal.

Regarding claim 9, the invention relates recording, reproducing, and recording/reproducing apparatuses and methods thereof, including a recording apparatus and a recording method for endlessly-recording image data and/or voice data in a recording medium.

The closest references Gushima et al (US 5,737,481) disclose an information recording method, an information recording apparatus, and an information recording medium which are suitable for recording information to be continuously input such as image or sound, Baumeister (US 4,591,931) teaches apparatus for playing back from recording media recorded information which includes both preselected segments and unpreselected segments, and Holroyd et al (US 5,781,435) teach editing systems, including an edit-to-it feature that minimizes editing time by performing editing and digitization of information simultaneously.

However Gushima et al, Baumeister and Holryod et al fail to explicitly disclose a recording/apparatus for recording input data in a recording medium capable of non linear access, and reproducing and outputting the recorded data, where the recording/reproducing apparatus further comprises input means to designate a file

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name corresponding to a start point and an end point of a desired second continuous data set, wherein the second continuous data set is a subset of the first data set to be recorded in or already recorded in the recording medium by the recording means, the second continuous data including all of the first data set recorded in the recording medium between a start time associated with the start point and an end time associated with the end point, the second continuous data set including a plurality of images recognizable by a user, wherein the input means allows input of a file name information signal designated by a user, and further allows input of a time code information signal.

Regarding claim 16, the invention relates recording, reproducing, and recording/reproducing apparatuses and methods thereof, including a recording apparatus and a recording method for endlessly-recording image data and/or voice data in a recording medium.

The closest references Gushima et al (US 5,737,481) disclose an information recording method, an information recording apparatus, and an information recording medium which are suitable for recording information to be continuously input such as image or sound, Baumeister (US 4,591,931) teaches apparatus for playing back from recording media recorded information which includes both preselected segments and unpreselected segments, and Holroyd et al (US 5,781,435) teach editing systems, including an edit-to-it feature that minimizes editing time by performing editing and digitization of information simultaneously.

However Gushima et al, Baumeister and Holryod et al fail to explicitly disclose a recording method for recording input first data in a recording medium capable of non linear access, where the method further endlessly-recording the first data in the recording medium and designating a file name corresponding to a start point and/or end point of desired second continuous data, wherein the second continuous data set is a subset of the first data to be recorded or already recorded in the recording medium, the second continuous data including all of the first data recorded in the recording medium between a start time associated with the start point and an end time associated with the end point, the second continuous data set including all audio data available from an audio data source for a voice segment recognizable by a user, and wherein the designating the file name allows input of a file name information signal designated by a user, and further allows input of a time code information signal.

Regarding claim 23, the invention relates recording, reproducing, and recording/reproducing apparatuses and methods thereof, including a recording apparatus and a recording method for endlessly-recording image data and/or voice data in a recording medium.

The closest references Gushima et al (US 5,737,481) disclose an information recording method, an information recording apparatus, and an information recording medium which are suitable for recording information to be continuously input such as image or sound, Baumeister (US 4,591,931) teaches apparatus for playing back from recording media recorded information which includes both preselected segments and

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unpreselected segments, and Holroyd et al (US 5,781,435) teach editing systems, including an edit-to-it feature that minimizes editing time by performing editing and digitization of information simultaneously.

However Gushima et al, Baumeister and Holryod et al fail to explicitly disclose a recording/reproducing method for recording input data in a recording medium capable of non linear access, and reproducing and outputting the recorded data, where the method further comprises the steps of endlessly-recording input data in the recording medium, and designating a file name corresponding to a start point and/or end point of desired second continuous data, wherein the second continuous data is a subset of the first data to be recorded or already recorded in the recording medium, the second continuous data including all of the first data recorded in the recording medium between a start time associated with the start point and an end time associated with the end point, the second continuous data set including all audio data available from an audio data source for an audio segment recognizable by a user, and wherein the designating the file name allows input of a file name information signal designated by a user, and further allows a time code information signal to be input from a CPU.


Conclusion

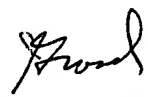
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


COO
11/18/06


James J. Groody
Supervisory Patent Examiner
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